## **WEST Search History**

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DATE: Monday, November 16, 2009

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		SPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
	L91	L90 and 2009.py.	41
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	L89	L88 and (voxel or pixel or ((picture or volume) with element))	4
	L88	L87 and ((magnitude or direction or phase or intensity or amplitude) same (field)) $ \\$	20
	L87	L86 and (magnitude or direction or phase or intensity or amplitude)	21
	L86	L85 and (permittivity or permeable or permeability or conductance or conductiv\$4)	21
	L85	L84 and ((electromagnetic\$4 or magnetic\$4 or electric\$4) same (field))	53
	L84	L83 and (field)	56
	L83	L82 and ((determine or calculat\$4 or measure\$4 or measur\$3 or determination or aquir\$3 or obtain\$3 or find or finding or found or ascertain\$3 or detect\$3 or sens\$3 or receiv\$4 or reception or "picking-up" or "picking up") same ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with (frequency or property)) same ((resonan\$2) with (antenna or probe or coil or winding or "turn")) same (array or group or "set" or plurality of multiple or Matrix) same (body or subject or object or target or patient) same (presence or present or introduc\$3 or introduction or existance or location or locat\$3)))	76
	L82	L81 and ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with (frequency or property)) same ((resonan\$2) with (antenna or probe or coil or winding or "turn")) same (array or group or "set" or plurality of multiple or Matrix) same (body or subject or object or target or patient) same (presence or present or introduc\$3 or introduction or existance or location or locat\$3))	76

L81	L69 and ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with (frequency or property)) same ((resonan\$2) with (antenna or probe or coil or winding or "turn")) same (array or group or "set" or plurality of multiple or Matrix) same (body or subject or object or target or patient))	170
L80	L79 and L30	5
L79	L78 and ((determine or calculat\$4 or measure\$4 or measur\$3 or determination or aquir\$3 or obtain\$3 or find or finding or found or ascertain\$3) same((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan \$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))) same (result\$4 or consequence or "due to") same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	11
L78	L76 and ((determine or calculat\$4 or measure\$4 or measur\$3 or determination or aquir\$3 or obtain\$3 or find or finding or found or ascertain\$3) same((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))) same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	12
L77	L76 and (imaging or image or imaged)	5
L76	L75 and ((determine or calculat\$4 or measure\$4 or measur\$3 or determination or aquir\$3 or obtain\$3 or find or finding or found or ascertain\$3) same ((electromagnetic with property) or impedance or impedence or induct\$4 or inductiv\$3 or resist\$4 or permittivity or permeable or permeability or conductance or conductiv\$4 or magnitude or direction or phase or intensity or amplitude or scatter\$3 or flux or flucuation or flucuat\$3 or sensitivity or dispersi\$3 or diffus\$4 or dielectric \$4) same (area or region or zone or volume or slice or plane or voxel or pixel) same (body or subject or object or target or patient) same ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))))	13

L75	L69 and ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with (frequency or property)) same ((resonan\$2) with (antenna or probe or coil or winding or "turn")) same (array or group or "set" or plurality of multiple or Matrix) same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	28
L74	L69 and ((detect\$3 or sens\$3 or receiv\$4 or reception or "picking-up" or "picking up") same ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan \$2 with frequency)) same ((resonan\$2) with (antenna or probe or coil or winding or "turn")) same (array or group or "set" or plurality of multiple or Matrix) same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	20
L73	L69 and ((detect\$3 or sens\$3 or receiv\$4 or reception or "picking-up" or "picking up") same ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan \$2 with frequency)) same ((resonan\$2) with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))) same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	20
L72	L69 and L60	2
L71	L69 and ((detect\$3 or sens\$3 or receiv\$4 or reception or "picking-up" or "picking up") same ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan \$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))) same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	20
L70	L69 and ((detect\$3 or sens\$3 or receiv\$4 or reception or "picking-up" or "picking up") same ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan \$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))) same (result\$4 or consequence or "due to") same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	13

L69	((determine or calculat\$4 or measure\$4 or measurs\$3 or determination or aquir\$3 or obtain\$3 or find or finding or found or ascertain\$3) same (property or impedance or impedence or induct\$4 or inductiv\$3 or resist \$4 or permittivity or permeable or permeability or conductance or conductiv\$4 or magnitude or direction or phase or intensity or amplitude or scatter\$3 or flux or flucuation or flucuat\$3 or sensitivity or dispersi\$3 or diffus\$4 or dielectric\$4) same (body or subject or object or target or patient) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") with (array or group or "set" or plurality of multiple or Matrix))))	505
L68	L62 and ((detect\$3 or sens\$3 or receiv\$4 or reception or "picking-up" or "picking up") with ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) with (resonan \$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") with (array or group or "set" or plurality of multiple or Matrix))) same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	6
L67	L66 and ((magnetic adj resonan\$2) or MRI or NMR or ESR or EPR)	5
L66	L62 and (impedance)	20
L65	L64 and ((detect\$3 or sens\$3 or receiv\$4 or reception or "picking-up" or "picking up") same ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan \$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))) same (result\$4 or consequence or "due to") same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	17
L64	L62 and ((detect\$3 or sens\$3 or receiv\$4 or reception or "picking-up" or "picking up") same ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan \$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))) same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	30
L63	L62 and (resonan\$2 with (property or characteristic))	20

L62	((determine or calculat\$4 or measure\$4 or measur\$3 or determination or aquir\$3 or obtain\$3 or find or finding or found or ascertain\$3) same ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with (frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))) same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	42
L61	L60 and ((determine or calculat\$4 or measure\$4 or measur\$3 or determination or aquir\$3 or obtain\$3 or find or finding or found or ascertain\$3) same((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))) same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	1
L60	(20060125475.pn.)	2
L59	((20060125475.pn.) and ((determine or calculat\$4 or measure\$4 or measur \$3 or determination or aquir\$3 or obtain\$3 or find or finding or found or ascertain\$3) same((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) with (resonan \$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") with (array or group or "set" or plurality of multiple or Matrix))) same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient)))	0
L58	L57 and ((determine or calculat\$4 or measure\$4 or measur\$3 or determination or aquir\$3 or obtain\$3 or find or finding or found or ascertain\$3) same((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) with (resonan \$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") with (array or group or "set" or plurality of multiple or Matrix))) same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	13
L57	L51 and ((determine or calculat\$4 or measure\$4 or measur\$3 or determination or aquir\$3 or obtain\$3 or find or finding or found or ascertain\$3) same((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))) same (presence or present or introduce or introduction or existance) same (body or subject or object or target or patient))	42

L55 L54 dispersi\$3 or diffus\$4)

L54 and (current or voltage or volt)

L53	L52 and (impedance or impedence or induct\$4 or inductiv\$3 or resist\$4)	90
L52	L51 and (permittivity or permeable or permeability or conductance or conductiv\$4)	100
L51	L50 and ((determine or calculat\$4 or measure\$4 or measur\$3 or determination or aquir\$3 or obtain\$3 or find or finding or found or ascertain\$3) same((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))) same (body or subject or object or target or patient))	290
L50	L49 and ((determine or calculat\$4 or measure\$4 or measur\$3 or determination or aquir\$3 or obtain\$3 or find or finding or found or ascertain\$3) same((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with frequency)) same (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix))))	810
L49	L48 and (body or subject or object or target or patient)	2139
L48	L47 and ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with frequency) same ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix)))	2515
L47	L46 and ((chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification) same (resonan\$2 with frequency))	4291
L46	L45 and (chang\$3 or shift\$3 or alter\$3 or variation or varying or vary or varied or modify\$3 or modified or modification)	6300
L45	L44 and (resonan\$2 with ((antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix)))	7341
L44	(resonan\$2 with frequency)	215669
L43	L42 and (square)	1
L42	L41 and (trial or reference or initial or preliminary or first)	1
L41	L40 and (matrix)	1

L55 and (scatter\$3 or flux or flucuation or flucuat\$3 or sensitivity or

L53 and (magnitude or direction or phase or intensity or amplitude)

39

80

88 90 6477398.pn. and (impedance same (measur\$4 or find\$3 or determin\$3 or

same (antenna or probe or coil or winding or "turn") same (array or group

(((324/300 | 324/301 | 324/302 | 324/303 | 324/304 | 324/305 | 324/306 | 324/307 | 324/308 | 324/309 | 324/310 | 324/311 | 324/312 | 324/313 | 324/314 | 324/315 | 324/316 | 324/317 | 324/318 | 324/319 | 324/320 | 324/321 | 324/322).

L23 and (magnitude or direction or phase or intensity or amplitude)

L21 and (voxel or pixel or ((picture or volume) with element))

Search History Transcript

П

L40

L32

L31

L25

L24

L23

L22

L21

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L30 and L29

dispersi\$3 or diffus\$4)

conductiv\$4)

L22 and (current or voltage or volt)

representation or representative) same (matrix)) L36 L30 and L28  $\Box$ П L35 L33 and L28 П L34 L33 and L29 L33 5426365  $\Box$ L31 and ((impedance or impedence or induct\$4 or inductiv\$3 or resist\$4)

or "set" or plurality of multiple) same (matrix))

L30 ccls.) or ((600/407 | 600/408 | 600/409 | 600/410 | 600/411 | 1600/412 | 600/413 1600/414 1600/415 1600/416 1600/417 1600/418 1600/419 1600/420 1600/421 1 600/422 1600/423 1600/424 1600/425 1600/426 1600/427 1600/428 1600/429 1 600/430 | 600/431 | 600/432 | 600/433 | 600/434 | 600/435 | .ccls. ) ) L28 and ((impedance or impedence or induct\$4 or inductiv\$3 or resist\$4) 1.29 same (antenna or probe or coil or winding or "turn") same (array or group or "set" or plurality of multiple or Matrix)) L26 and ((antenna or probe or coil or winding or "turn") same (array or L28 group or "set" or plurality of multiple or Matrix)) L27 L26 and (antenna or probe or coil or winding or "turn") L26 L25 and (maxwell or law or equation or express\$4) L24 and (scatter\$3 or flux or flucuation or flucuat\$3 or sensitivity or

1

7

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14

12

131

22160

891

2868

4207

4649

6309

7599

7757

8370

65787

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L19	L18 and (impedance or impedence or induct\$4 or inductiv\$3 or resist\$4)	176449
L18	L17 and (trial or simulat\$3 or simulation or model\$3 or plot\$4 or representation or representative)	288414
L17	((resonan\$2 or resonant\$2) or ESR or EPR or NMR)	721805
L16	((6477398.pn.) and (resistiv\$4))	1
L15	L5 and (resistiv\$4)	2
L14	L12 and (resistiv\$4)	2
L13	L12 and (conductance or conductiv\$4)	0
L12	L11 and (maxwell or law or equation)	2
L11	L10 and (trial or simulat\$3 or simulation or model\$3 or plot\$4 or representation or representative)	2
L10	L9 and ((resonan\$2 or resonant\$2) or ESR or EPR or NMR)	2
L9	L8 and (phas\$3)	2
L8	L7 and (scatter\$3 or flux or flucuation or flucuat\$3 or sensitivity or dispersi\$3 or diffus\$4)	2
L7	L6 and (magnitude or direction or phase or intensity or amplitude)	2

L4 and (voxel or pixel or ((picture or volume) with element))

L3 and (array or group or "set" or plurality of multiple or Matrix)

L2 and (permittivity or permeable or permeability or conductance or

L19 and (array or group or "set" or plurality of multiple or Matrix)

164866

2

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20

32 52

L2 L1 and (impedance or impedence or induct\$4 or inductiv\$3 or resist\$4)

L6

L5

1.4

L3

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Search History Transcript

L20

☐ L1 6477398

END OF SEARCH HISTORY

conductiv\$4)

L5 and (current or voltage or volt)